



# **PUBLIC HEALTH**

**ALWAYS WORKING FOR A SAFER AND  
HEALTHIER WASHINGTON**

**Economic Order Quantity  
LHJ Kick-Off**

**October 26, 2010**

## Agenda

- EOQ Introduction
- Implementation Strategy
- Data Analysis
- Support Tools
- Questions
- Next Steps

## EOQ – The Basics

- Centers for Disease Control and Prevention (CDC) national standard to effectively manage the federal vaccine program.
- Goal - to balance vaccine order size, order frequency, timing of orders, and improve inventory management.
- Next step in Tiered Order Frequency (TOF) introduced in 2007.

## EOQ – The Basics

- Order Frequency – how often an order is placed.

Order Frequency	Doses Per Year-CDC EOQ Standards
Monthly (high volume)	6,000 plus
Every 2 Months (medium volume)	800 – 5,999
Quarterly (low volume)	200 – 799
Every 6 Months (very low volume)	0 – 199

- Order Timing – when during the month an order is placed.
- Order Size – recommended order quantity based on order history, usage, physical inventory, and order frequency.

# EOQ Implementation Strategy

- Regional Timing Assignments
- Regional Roll-Out
- EOQ Challenge
- Ordering Behavior Monitoring

# Regional Order Timing Assignments

- Approximately half of all providers statewide will move to ordering the second half of each month
- Most LHJs will have all providers ordering either the first half or the second half of each month
- Larger LHJs will need to spread provider orders throughout each month

# Regional Roll Out – Conference Call Schedule

Training Group #	LHJ	Start Month	Intro Conf. Call		Follow-Up Conf. Call	
			Date	Time	Date	Time
1	Kittitas Klickitat Lewis Skamania Thurston Wahkiakum Yakima	December	11/3/2010	9:30 - 11:00 a.m.	11/16/2010	10:00 - 11:30 a.m.
2	Skagit Seattle-King (if needed) Spokane Whatcom	January	12/1/2010	9:30 - 11:00 a.m.	12/15/2010	10:00 - 11:30 a.m.
3	Chelan-Douglas Clark Grant Okanogan	February	1/5/2011	9:30 - 11:00 a.m.	1/18/2011	10:00 - 11:30 a.m.
4	Snohomish (if needed) Tacoma-Pierce (if needed)	March	2/2/2011	9:30 - 11:00 a.m.	2/15/2011	10:00 - 11:30 a.m.
5	Clallum Grays Harbor Island Jefferson Kitsap Mason Pacific San Juan	April	3/2/2011	9:30 - 11:00 a.m.	3/15/2011	10:00 - 11:30 a.m.
6	Benton-Franklin Columbia Lincoln NE Tri Whitman	May	4/6/2011	9:30 - 11:00 a.m.	4/19/2011	10:00 - 11:30 a.m.

## EOQ Challenge – Single Antigen Orders

- Three-Month Challenge – Aug. Sept. Oct.
- Minimize Single Antigen Orders
- Standard Ordering Behavior
  - Follow-up on single antigen orders
  - Order single antigens only when absolutely necessary



# EOQ Challenge – Single Antigen Orders

## Results

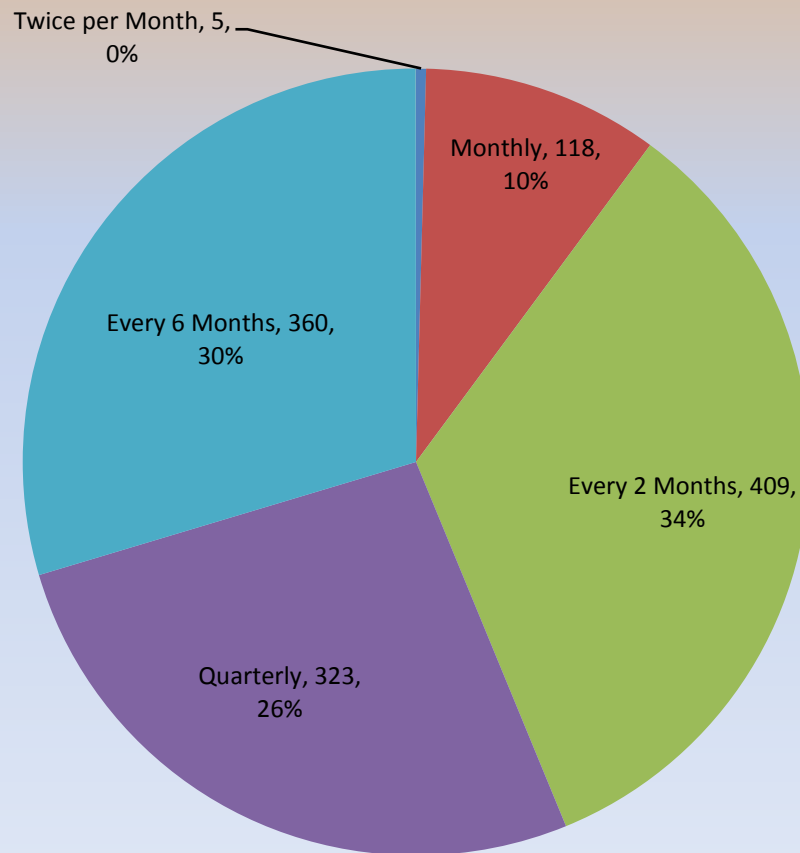
- Jan – June 2010    11% of all statewide orders
- August    6.4 % of all statewide orders
- September    3.6% of all statewide orders
- October    6.5% of all statewide orders  
(through 10/22)

# Ordering Behavior Monitoring

- CDC will be monitoring our statewide ordering behavior
- Non-Compliance Tracking
- Update Training Strategies and Materials

# Data Analysis - Summary

## Provider Summary: Grouped by EOQ Frequency 2009 Raw Data



## Data Analysis – Frequency Assignments

LHJ	Monthly	Every 2 Months	Quarterly	Every 6 Months		LHJ	Monthly	Every 2 Months	Quarterly	Every 6 Months
Adams	1	0	3	0		Lincoln	0	1	0	0
Asotin	1	1	0	2		Mason	1	2	5	2
Benton-Franklin	4	34	21	7		Ne-Tri	0	2	10	11
Chelan-Douglas	4	7	1	2		Okanogan	0	9	6	2
Clallam	1	3	6	7		Pacific	0	0	7	3
Clark	8	13	18	22		Tacoma-Pierce	13	46	32	17
Columbia	0	0	1	0		San Juan	0	0	4	4
Cowlitz	2	5	4	3		Skagit	2	11	9	3
Garfield	0	0	1	0		Skamania	0	1	0	1
Grant	2	7	5	6		Snohomish	12	37	13	16
Grays Harbor	1	4	8	6		Spokane	12	24	16	21
Island	0	2	3	6		Thurston	5	9	13	12
Jefferson	0	3	0	3		Wahkiakum	0	0	1	0
Seattle-King	33	111	88	101		Walla Walla	2	3	3	3
Kitsap	2	19	9	8		Whatcom	1	15	8	3
Kittitas	0	5	1	1		Whitman	1	4	3	5
Klickitat	0	2	2	0		Yakima	7	19	10	11
Lewis	1	4	8	9		<b>Totals</b>	<b>116</b>	<b>403</b>	<b>319</b>	<b>297</b>

## Data Analysis – Timing Assignments

LHJ	Providers Ordering 1st - 15th	Providers Ordering 16th - 30th		LHJ	Providers Ordering 1st - 15th	Providers Ordering 16th - 30th
Adams	4			Lincoln		1
Asotin	4			Mason	10	
Benton-Franklin	32	34		Ne-Tri		23
Chelan-Douglas		14		Okanogan		17
Clallam	17			Pacific	10	
Clark	30	31		Tacoma-Pierce	54	54
Columbia		1		San Juan		8
Cowlitz	14			Skagit		25
Garfield	1			Skamania	2	
Grant		20		Snohomish	38	40
Grays Harbor	19			Spokane	36	37
Island		11		Thurston	39	
Jefferson	6			Wahkiakum	1	
Seattle-King	165	168		Walla Walla	11	
Kitsap		38		Whatcom		27
Kittitas	7			Whitman		13
Klickitat	4			Yakima	47	
Lewis	22					

## Support Tools

- Provider Calendars
- Interim Recommended Order Quantity Tools
- Draft Communication Template
- Frequently Asked Questions
- Registry Changes (2011)

## Feedback and Questions

- LHJ Concerns?
- Provider Concerns?
- General EOQ Questions?

## Next Steps

- Introductory Conference Calls
- Provider Packets
- Follow-up Conference Calls
- Communicate with Providers
- Begin Ordering on EOQ Schedules
- EOQ Challenge – Reduce Single Antigens Orders
- Monitor and Provide Feedback
- Website Updates
- Coordinate with VOMS Provider Ordering Roll Out



# Contact Information

Karen Meranda

Phone: 360-236-3553

Email: [karen.meranda@doh.wa.gov](mailto:karen.meranda@doh.wa.gov)